

10/624,470 Updated S

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	10	(ho-ming-chiao\$).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/22 12:41
L2	4381	(restor\$4 or backup or back-up or (back adj up)) same (external or detach\$4) same (host or computer or CPU)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 12:43
L3	986	(714/5).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 12:43
L4	646	(714/11).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 12:43
L5	526	(714/13).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 12:43
L6	74	(L3 or L4 or L5) and L2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 12:49
L7	30134	function\$4 adj key	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 12:50
L8	5794	(control\$4 or press\$3 or activat\$4 or navigat\$3) near3 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 12:52

## EAST Search History

L9	2	8 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 13:01
L10	4	2 same 7 same 8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 13:18
L11	96845	connect\$4 adj (port or interface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 13:18
L12	1620	(restor\$4 or backup or back-up or (back adj up)) adj key	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 13:18
L13	2	2 and L11 and L12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 13:19
L14	4	11 and 12 and 7 and 8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 13:19
L15	3	2 and 7 and 8 and ("369"/\$).cdls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 13:20
S1	4023	(restor\$4 or backup or back-up or (back adj up)) same (external or detach\$4) same (host or computer or CPU)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 12:42

## EAST Search History

S2	89575	connect\$4 adj (port or interface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 16:13
S3	39	S1 same S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 16:27
S4	1554	(restor\$4 or backup or back-up or (back adj up)) adj key	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 16:14
S5	1	S3 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 16:14
S6	39	S1 and S2 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 16:27
S7	0	S6 not S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 16:28
S8	9	(ho-ming-chiao\$).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 12:40
S9	353	S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 16:31

## EAST Search History

S10	1	S9 AND S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 16:32
S11	47	S9 and ("714"/\$).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 16:32
S12	4	S9 and ("369"/\$).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 13:20
S13	872	(714/5).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 16:35
S14	584	(714/11).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 16:35
S15	465	(714/13).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 16:36



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#4	(( restore or backup or back-up<in>metadata ) <and> ( controll or press or activating<in>metadata ) )<and> ( key<in>metadata )	557
#5	(( restore or backup or back-up<in>metadata ) <and> ( controll or press or activating<in>metadata ) )<and> ( key<in>metadata )	557
#6	(( restore or backup or back-up<in>metadata ) <and> ( controll or press or activating<in>metadata ) )<and> ( external key<in>metadata )	0
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#### 1 [The elements of nature: interactive and realistic techniques](#)

Oliver Deussen, David S. Ebert, Ron Fedkiw, F. Kenton Musgrave, Przemyslaw Prusinkiewicz, Doug Roble, Jos Stam, : Tessendorf

August 2004 **Proceedings of the conference on SIGGRAPH 2004 course notes SIGGRAPH '04**

Publisher: ACM Press

Full text available: [pdf\(17.65 MB\)](#)

Additional Information: [full citation](#), [abstract](#)

This updated course on simulating natural phenomena will cover the latest research and production techniques for simulating most of the elements of nature. The presenters will provide movie production, interactive simulation, research perspectives on the difficult task of photorealistic modeling, rendering, and animation of natural phenomena. The course offers a nice balance of the latest interactive graphics hardware-based simulation techniques and the latest physics-based simulation techniques ...

#### 2 [Special issue: AI in engineering](#)

D. Sriram, R. Joobhani

April 1985 **ACM SIGART Bulletin**, Issue 92

Publisher: ACM Press

Full text available: [pdf\(8.79 MB\)](#)

Additional Information: [full citation](#), [abstract](#)

The papers in this special issue were compiled from responses to the announcement in the July 1984 issue of the SIGART newsletter and notices posted over the ARPAnet. The interest being shown in this area is reflected in the papers received from over six countries. About half the papers were received over the computer network.

#### 3 [Pen computing: a technology overview and a vision](#)

André Meyer

July 1995 **ACM SIGCHI Bulletin**, Volume 27 Issue 3

Publisher: ACM Press

Full text available: [pdf\(5.14 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

This work gives an overview of a new technology that is attracting growing interest in public as well as in the computer industry itself. The visible difference from other technologies is in the use of a pen or pencil as the primary means of interaction between a user and a machine, picking up the familiar pen and paper interface metaphor. This follows a set of consequences that will be analyzed and put into context with other emerging technologies and visions. Starting with a short historic ...

#### 4

#### [Papers: Tactile user interface: Haptic techniques for media control](#)



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#### 181 Manufacturing resource planning on a PC local area network

H. Clark Kee, Roy L. Post

May 1986 **ACM SIGAPL APL Quote Quad , Proceedings of the international conference on APL APL '86,**  
Volume 16 Issue 4

Publisher: ACM Press

Full text available: [pdf\(1.47 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [index terms](#)

This paper details a large APL programming project of 12 man years. An integrated software system structured c the principles of MRP (manufacturing resource planning) was implemented by a Bristol-Myers in house team for t in a new manufacturing facility. The system applies off-the-shelf technology in innovative ways, using STSC APL\*PLUS/PC as the only programming language, to build a very sophisticated application on IBM/PCs fully shari data in a secure environment via the N ...

#### 182 Special section: Reasoning about structure, behavior and function

B. Chandrasekaran, Rob Milne

July 1985 **ACM SIGART Bulletin**, Issue 93

Publisher: ACM Press

Full text available: [pdf\(5.13 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#)

The last several years' of work in the area of knowledge-based systems has resulted in a deeper understanding c potentials of the current generation of ideas, but more importantly, also about their limitations and the need for research both in a broader framework as well as in new directions. The following ideas seem to us to be worthy c note in this connection.

#### 183 TraceBack: first fault diagnosis by reconstruction of distributed control flow

Andrew Ayers, Richard Schooler, Chris Metcalf, Anant Agarwal, Junghwan Rhee, Emmett Witchel

June 2005 **ACM SIGPLAN Notices , Proceedings of the 2005 ACM SIGPLAN conference on Programming language design and implementation PLDI '05**, Volume 40 Issue 6

Publisher: ACM Press

Full text available: [pdf\(347.77 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Faults that occur in production systems are the most important faults to fix, but most production systems lack th debugging facilities present in development environments. TraceBack provides debugging information for produc systems by providing execution history data about program problems (such as crashes, hangs, and exceptions). TraceBack supports features commonly found in production environments such as multiple threads, dynamically loaded modules, multiple source languages (e.g., Java ...

## EAST Search History

10/624,470

Intelligence Search

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("20050210077").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/22 14:29
L2	31	("6202090" "6601184" "6681348" "67 69077").PN"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 14:34
L3	947	(714/5).ccls.	US-PGPUB; USPAT	OR	ON	2006/09/22 14:37
L4	642	(714/11).ccls.	US-PGPUB; USPAT	OR	ON	2006/09/22 14:35
L5	522	(714/13).ccls.	US-PGPUB; USPAT	OR	ON	2006/09/22 14:35
L6	3530	(restor\$4 or backup or back-up or (back adj up)) same (external or detach\$4) same (host or computer or CPU)	US-PGPUB; USPAT	OR	ON	2006/09/22 14:35
L7	21962	function\$4 adj key	US-PGPUB; USPAT	OR	ON	2006/09/22 14:35
L8	30134	function\$4 adj key	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 14:36
L9	4712	(control\$4 or press\$3 or activat\$4 or navigat\$3) near3 L8	US-PGPUB; USPAT	OR	ON	2006/09/22 14:36
L10	29	6 and 8 and 9	US-PGPUB; USPAT	OR	ON	2006/09/22 14:36
L11	1	10 and 3	US-PGPUB; USPAT	OR	ON	2006/09/22 14:37
L12	0	10 and 4	US-PGPUB; USPAT	OR	ON	2006/09/22 14:37
L13	1	10 and 5	US-PGPUB; USPAT	OR	ON	2006/09/22 14:37
L14	4	10 and ("714"/\$).ccls.	US-PGPUB; USPAT	OR	ON	2006/09/22 14:37
L15	3	10 and ("369"/\$).ccls.	US-PGPUB; USPAT	OR	ON	2006/09/22 14:37